

July, 2005 Mycobacterial Report

Laboratory Diagnosed Mycobacterial Infections in Wisconsin

<i>Mycobacterium</i> species		Brown	Dane	Eau Claire	Kenosha	La Crosse	Milwaukee	Outagamie	Portage	Racine	Rock	Washara	Waukesha	Winnebago	Wood	TOTAL
<i>M. tuberculosis</i> complex	Pulm						3					1				4
	Extra					1	2		1							4
Total <i>M. tuberculosis</i> complex						1	5		1			1				8
<i>M. avium</i> complex	Pulm	3	1	1	2		41			6			2	1	2	59
	Extra						2									2
<i>M. goodii</i>	Pulm		1			1	21		1				1	4		29
	Extra															0
<i>M. abscessus</i>	Pulm						1									1
	Extra															0
<i>M. chelonae</i>	Pulm							1								1
	Extra															0
<i>M. fortuitum</i> group	Pulm						6				1					7
	Extra						2									2
<i>M. kansasii</i>	Pulm						1									1
	Extra															0
<i>M. marinum</i>	Pulm															0
	Extra		1								1					2
<i>M. mucogenicum</i>	Pulm		2				6							1		9
	Extra						1									1
<i>M. xenopi</i>	Pulm						4									4
	Extra															0
<i>M. fortuitum</i> complex	Pulm					1										1
<i>M. chelonae- abscessus</i>	Pulm					1										1
	Extra					1										1
TOTALS		3	5	1	2	4	85	1	1	6	2	0	3	6	2	121

Extra-Pulmonary Sources of Isolation:

<i>M. tuberculosis</i> Extra-pulmonary:	1 lymph node, 1 stool, 1 urine (bovis), 1 CSF
<i>M. avium</i> complex Extra-pulmonary:	2 blood
<i>M. gordonae</i> Extra-pulmonary:	
Other <i>Mycobacterium</i> species	1 <i>marinum</i> skin, 2 <i>fortuitum</i> group blood, 1 <i>mucogenicum</i> stool, 1 <i>marinum</i> forearm, 1 <i>chelonae-abscessus</i> hand

Wisconsin TB Isolations and Antibiotic Susceptibilities:

Six of TBC isolates reported by Wisconsin laboratories this month were from Wisconsin TB cases. 2 isolates were from Illinois patients.

Four isolates were susceptible to all TB first-line drugs tested.

1 isolate was resistant to INH, rifampin, and ethambutol but susceptible to PZA.

1 isolate (*M. bovis*) was not tested for TB drug susceptibilities.

2 Illinois isolates were not tested for TB drug susceptibilities.

Source: Mycobacteriology Laboratory Network Data Report, Wisconsin State Laboratory of Hygiene, Madison, WI.